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ATS JU-3904

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Tadao Miyaguchi.

C-23 P NSA

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DESCRIPTORS: *Sulfamates, Synthesis, *Ammonium
radicals, *Sulfonates, Chemical reactions, *Amines.

- I. Yamaguchi, H.
- II. Title: N-Sulfonation...
- III. ATS-14N53J
- IV. Associated Technical
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NTU 1-20-12

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DESCRIPTORS: *Sulfonation, Chemical reactions,
*Amines, Sulfimides

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61-25042

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SLA 60-18485

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Vol 9, No 6, 1962, pp 222-227.**

ATS JS-151

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61-22118

1. Formaldehyde--Production
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reactions

1. Yamauchi, S.

II. ATS-32N49J

III. Associated Technical
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Trans. of Japanese [published] patent no. 1422 (1957)
appl. 6 Nov 51, pub. 27 Feb 57.

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methods.

62-17303

- I. Title: Wet process
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production)
1. Yamaguchi, T.
- II. Patent (Japan) pub. 32-1422
- III. ATS-59P60J
- IV. Associated Technical
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2. Catalysts--Applications
- I. Yamaguchi, T.
- II. Title: Throughput...
- III. ATS-30N48]
- IV. Associated Technical
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DESCRIPTORS: *Catalysts, Particles, Petroleum, Processing.

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- I. Yamaguchi, T.
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Trans. of Denchi Shashin (Japan) 1961, v. 3, no. 1,
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DESCRIPTORS: *Electrophotography, Photography,
Electrostatics.

(Materials--Photographic, TT, v. 9, no. 10)

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- I. Yamaguchi, T.
- II. Takahashi, K.
- III. ATS-53N57]
- IV. Associated Technical
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Yamaguchi, Tadashi and Amagasa, Masataka.
A STUDY ON THERMAL DEGRADATION PRODUCTS
OF POLYVINYL ALCOHOL. [1962] 14p. 3 refs.
Order from SLA \$1.60 62-16002

I. Yamaguchi, T.
II. Amagasa, M.

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 298,
p. 645-652.

DESCRIPTORS: Polymers, *Vinyl alcohols, Pyrolysis,
Chemical analysis, Acetaldehydes, Benzaldehydes,
Acetophenones, Alcohols, Vinyl radicals.

In order to probe the mechanism of thermal decomposition of PVA, the residue from thermal decomposition of PVA and thermal decomposition products of PVA were investigated. There were some differences in quantity depending on whether the thermal decomposition took place in vacuum, in nitrogen current, or in the presence of air, but as decomposition products we (Chemistry--Organic, TT, v. 9, no. 1) (over)

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THERMAL DEGRADATION MECHANISM OF POLY-
VINYL ALCOHOL. [1962] 6p. 4 refs.
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I. Yamaguchi, T.
II. Amagasa, M.

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18, no. 198,
p. 653-655.

DESCRIPTORS: Polymers, *Vinyl alcohols, Pyrolysis,
Chemical reactions, Alcohols, Vinyl radicals.

The thermal degradation mechanism of polyvinyl alco-
hol (PVA) is discussed according to the results of in-
vestigation about colorisation and degradation at heat
treatment. (See also 62-16002)

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Sci - Min/Met
FE - China

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May 61

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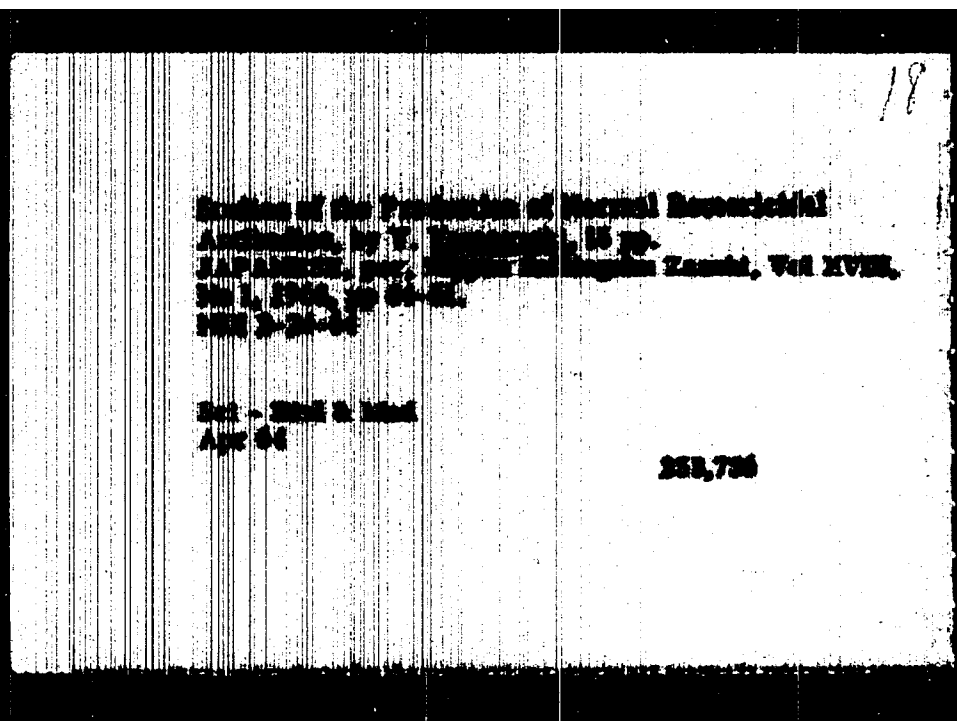
Trans. of Textile Mach[inery] Soc[iet]y of Japan.
[Journal] 1960, v. 13, no. 9, p. 637-643.

(Materials--Textiles, TT, v. 5, no. 11)

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1. Synthetic fibers--Stresses
- I. Yamaguchi, Y.
- II. Oyanagi, K.
- III. RIS C-138
- IV. Research Information
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Yamaguchi, Yohel and Shishido, Toshisuke.
THE CHANGE OF POLARIZATION EFFECT AND
RESISTANCE CAPACITY. [Rept.] 1 of [Electrolytic
Conductivity of Fused Salts. [1963] 26p (figs omitted)
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TT-64-10143

Trans. of [Nihon Kagaku Zasshi] (Japan) 1938, v. 59,
p. 1311-1320.

DESCRIPTORS: *Fused materials, Salts, Electrical
conductance, Polarization, Resistance (Electrical),
Aluminum compounds, Chlorides, Sodium compounds,
Electrolysis,

(Chemistry--Physical, TT, v. 11, no. 5)

TT-64-10143

- I. Yamaguchi, Y.
- II. Shishido, T.
- III. Title: Electrolytic ...

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Microscopical Diatomaceae (Biological Station, Otsu)
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JAPANESE, per, Japanese Journal of Limnology,
Vol. IX, No 2, 1939, pp 98-106.

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Internal Friction of Polycrystalline and Single-Crystal Ice, by D. Kuroiwa, K. Yamaji.

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DOE R. Council on Energy Research and Technology

Sci. Phys.

Apr 62

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THE EFFECTS OF SULFUR COMPOUNDS ON THE
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[1962] 9p.

Order from ATS \$13.10

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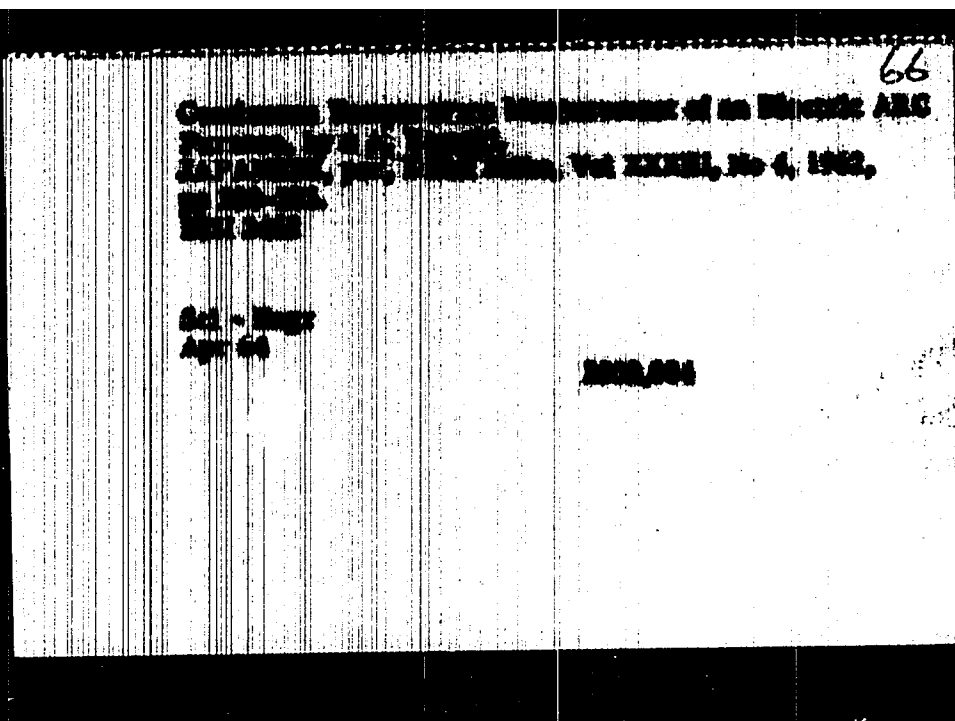
Trans. of Sekiyu Gakkai Shi (Japan) 1960, v. 3, no. 2,
p. 116-120.DESCRIPTORS: *Hydroperoxides, Decomposition,
*Sulfur compounds.

(Chemistry--Organic, TT, v. 7, no. 11)

I. Yamaji, T.
II. ATS-56P58J
III. Associated Technical
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MANUFACTURING PROCESS OF ALKALI CHLORIDE

Oct 62, 50
Order from: SA 513,000 SA Code-514

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DESCRIPTORS: Analgesics, Synthesis, Toxicity,
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DESCRIPTORS: *Dyes, *Chemical reactions, Ions,
*Methylene blue, Methanes, Complex compounds,
Vinyl chlorides, Surface-active substances, Surface
tension, Absorption spectrum, Chemical bonds,
Fibers (Synthetic).

The aqueous solutions of ionic dyestuffs of opposite
electric charges, orange II (anion and methylene blue
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